

Date: Thursday, 3/13/2008 10:20:58 AM  
User: Kim Johnston

# **Process Sheet**

Customer:	: CU-DAR001 Dart Helicopters Services	Drawing Name	: PIP PIN
Job Number	: 37937		
Estimate Number	: 12333		
P.O. Number	:	Part Number	: D34893200
This Issue	: 3/13/2008 S.O. No. :	Drawing Number	: D3489 REV A
Prsht Rev.	: NC	Project Number	: N/A
First Issue	: 1 / Type : PURCHASED PARTS	Drawing Revision	: A
Previous Run	: 35313	Material	:
Written By	:	Due Date	: 3/24/2008 Qty: 20 Um: Each
Checked & Approved By	: <u>Jeff 0313</u>		
Comment	: Est Rev: A New Issue 06-03-10 JLM		

## **Additional Product**

Job Number: 

Seq. #:	Machine Or Operation:	Description :
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1.0	PG	PURCHASING
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Comment: PURCHASING  
Issue P/O: 5919  
P/N: 806206  
Possible Supplier: Jergens

C 208/03/17 (20)

2.0	806206	PIP PIN
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 20.0000 Each(s)  
PIP PIN

3.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1  
Receive & Inspect For Transit Damage  
Ensure material certification is attached

8/3/18 (20)

4.0	QC6	DIMENSIONAL CHECK
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Comment: DIMENSIONAL CHECK

8/03/17 (20) counters

5.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1  
Identify and Stock  
Location: 104

8/3/19 54 (20X)

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: 10 Date: 02/03/19  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 3/13/2008 10:20:59 AM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: PIP PIN

Job Number: 37937

Part Number: D34893200

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

QC21

FINAL INSPECTION/W/O RELEASE



(20)

Comment: FINAL INSPECTION/W/O RELEASE

HD 08/03/19

Job Completion



*m* 2008/3/19

(20)

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**DART**

DESIGN CP	DRAWN BY CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED H	APPROVED H	DRAWING NO. D3489	REV. A SHEET 1 OF 1
DATE 06.01.04		TITLE PIP PIN	SCALE NTS
A	06.01.04	NEW ISSUE	

RELEASED  
06.03.21  
CP

## SPECIFICATION CONTROL DRAWING

1) SPECIFICATION: **D3489-X-YYY PIP PIN**

WHERE 'X' IS THE NOMINAL SIZE IN 1/16THS OF AN INCH  
AND 'YYY' IS THE GRIP LENGTH IN TENTHS OF INCHES

FOR EXAMPLE, D3489-3-050 IS 3/16" NOMINAL O.D. WITH 0.50" GRIP

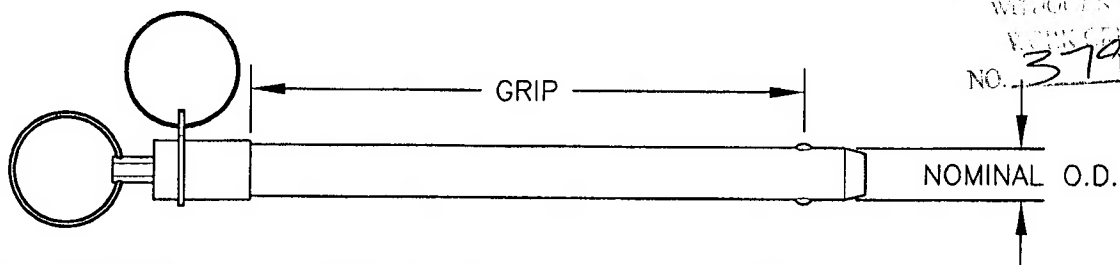
2) ACCEPTABLE SUPPLIERS / PART NUMBERS TO PURCHASE

DART P/N	Nominal O.D.	GRIP	Possible Suppliers	
			JERGENS	REID
D3489-3-050	3/16"	0.50	806200	DARS-000D
D3489-3-075	3/16"	0.75	806201	-
D3489-3-100	3/16"	1.00	806202	DARS-001
D3489-3-125	3/16"	1.25	806203	-
D3489-3-150	3/16"	1.50	806204	-
D3489-3-175	3/16"	1.75	806205	-
D3489-3-200	3/16"	2.00	806206	DARS-004
D3489-3-250	3/16"	2.50	806208	DARS-005
D3489-3-300	3/16"	3.00	806209	-
D3489-4-050	1/4"	0.50	806216	DARS-009
D3489-4-075	1/4"	0.75	806217	-
D3489-4-100	1/4"	1.00	806218	-
D3489-4-125	1/4"	1.25	806219	-
D3489-4-150	1/4"	1.50	806220	DARS-020
D3489-4-175	1/4"	1.75	806221	-
D3489-4-200	1/4"	2.00	806222	DARS-030
D3489-4-250	1/4"	2.50	806224	DARS-035
D3489-4-300	1/4"	3.00	806225	DARS-040
D3489-4-400	1/4"	4.00	808227	DARS-050

3) DESCRIPTION: DOUBLE ACTING, STAINLESS STEEL, QUICK-RELEASE  
BALL LOCK PINS WITH RING HANDLE

4) MATERIAL: STAINLESS STEEL. MIN. PULL OUT STRENGTH = 200LBS (3/16" PINS)  
OR 230LBS (1/4" PINS). MIN. DOUBLE SHEAR = 5150LBS (3/16" PINS) OR  
9200LBS (1/4" PINS).

5) ALL DIMENSIONS ARE IN INCHES



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UNCONTROLLED COPY  
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NO. 37937



HASKINS INDUSTRIAL INC.  
5-52 ANTARES DRIVE

\*\* PACKING SLIP \*\*

Order # 1226093

NEPEAN, ONTARIO K2E 7Z1  
TEL (613) 723-8800 FAX (613) 723-8806

Order Date 03/17/0

Page 1 o

Sold To: DART AEROSPACE LTD.  
1270 ABERDEEN STREET

Ship To: DART AEROSPACE LTD.  
1270 ABERDEEN STREET

HAWKESBURY, ON  
K6A 1K7

HAWKESBURY, ON  
K6A 1K7

Cust Phone # (613) 632-5200		Warehouse OTTAWA		F.O.B. DEST		Taken By Sylvie 613-723-8	
Cust #	Customer P/O #	Required	Orig Order	Slsm	Ship Via	Terms	
05168	5919	03/18/08	1226093.00	PL	DICOM	NET 30	
Ln#	Bin #	Order UM	Ship	B/O	Product	Description	
1	CB1125	48 EA	28 ✓	20	PTD-030330	R18GT JOBBER DRILL #30 TIN	(12)
2	CB1170	24 EA	24 ✓		PTD-030108	R10GT JOBBER DRILL 1/8 TIN	(12)
3	CB1170	12 EA	12 ✓		PTD-030112	R10GT JOBBER DRILL 3/16 TIN	(12)
4	CB1180	12 EA	7 ✓	5	PTD-030124	R10GT JOBBER DRILL 3/8 TIN	(6)
5	CB1175	12 EA	12 ✓		PTD-030120	R10GT JOBBER DRILL 5/16 TIN	(12)
6	CB1200	12 EA	12 ✓		PTD-030206	R15GT JOBBER DRILL F TIN	(12)
7	CB1200	12 EA	6 ✓	6	PTD-030215	R15GT JOBBER DRILL O TIN	(6)
9 *	1500 C	0	1500	1X100		SP W-2038 5/16	FLAT WASHER SS
10	030220	20 EA	20 ✓		JG-806206	3/16 DBL ACTION RING HANDLE	806206

PLEASE NOTE:

1. NO RETURNS WITHOUT PRIOR AUTHORIZATION
  2. ALL SHORTAGE CLAIMS MUST BE WITHIN 10 DAYS
  3. BO CODE: BO = QTY NOT SHIPPED IS BACK-ORDERED
- CL= QTY NOT SHIPPED WAS CANCELLED  
SC= ITEM CONSIDERED COMPLETE - NO B/O CREATED

FILL PACK DATE 3/17/08  
Printed on 2008-03-17 at 13:11

